

Members of the USRowing team don shirts remembering the heroes of the September 11 terrorist attacks. They won their seventh straight Head of the Charles title in the Men's Championship Eight.

STANLEY HU—THE TECH

Dining Board Seeks Optional Meal Plan

By Brian Loux
ASSOCIATE NEWS EDITOR

Following massive student opposition to proposed mandatory dining plans, the Campus Dining Review Board will draft an alternative plan based on wider student involvement.

The Board hosted a town meeting on October 11, at which Chancellor Phillip L. Clay PhD '75 outlined plans for expanding the Campus Dining Review Board to start a brand new dining plan with more student and community input.

"Chancellor Clay told the audience that he had set aside the five plans originally put forward that included mandatory participation," said Kirk D. Kolenbrander, chairman of the Dining Board and special assistant to the president and chancellor.

At this meeting, "the Campus

Dining Board accepted as a goal to come up with a dining plan that did not require participation," Kolenbrander said. He said he believes the Board can still improve campus dining without requiring participation in a meal plan.

New board relies on students

The decision to expand the board to include student members resulted from public outcry following the five new meal plan proposals drafted by the Office of Campus Dining.

"To say that the community wasn't thrilled with them would be putting it mildly," said Laura Capone, director of organizational performance and human resources with Office of the Dean for Student Life.

Capone is helping to organize

Dining Board, Page 13

Trujillo Named Dean for Alcohol Education

By Rima Arnaout
NEWS AND FEATURES DIRECTOR

MIT has announced the creation of a new Associate Dean for Alcohol Education and Community Development in response to suggestions by working groups on improving alcohol policy on campus.

Daniel A. Trujillo, Alcohol Coordinator for the State University of New York, will fill the position effective January 1. He will report directly to Dean for Student Life Larry G. Benedict, reviving the

work of the Alcohol Working Group and coordinating across many Institute and student groups.

Trujillo said that his job is to "listen, collaborate with people, and put something in practice that will be accepted and welcomed by all members of the community."

"We were looking very much for the kind of person who would fit the climate of MIT right now," said Director of Organizational Performance and Human Resources Laura Capone, who chaired the search

committee for the new dean.

New dean to tackle range of issues

As Associate Dean, Trujillo will coordinate interaction between many MIT offices, not only for alcohol education but also for other community issues like mental health.

One aspect Benedict stressed was that Trujillo was "not just an alcohol dean. That's why the community development piece is part of the title."

"This is a position that's going to cut across all of our living groups," Benedict said. "It's not just fraternity oriented but Institute-wide." Trujillo will also work with the Graduate Student Council.

Trujillo will work with Residential Life and Student Life Programs staff, Campus Police, MIT Medical staff, the Dormitory Council, and other groups across campus, Benedict said. His responsibilities will

Trujillo, Page 17

Polaroid Goes Bankrupt; Plans to Sell Existing Assets

Economy and Digital Competition Explain Low Sales

By Sandra M. Chung
ASSOCIATE ARTS EDITOR

The Cambridge-based Polaroid Corporation obtained bankruptcy protection in the United States Bankruptcy Court in Wilmington, Delaware on October 12.

Last June, Polaroid announced that it would lay off 2,000 employees, approximately a quarter of its 8,000-member global workforce. In September, the company reduced health benefits for some of its workers.

Polaroid intends to continue making and shipping its products while it restructures its business operations and finances and searches for buyers for all or parts of the company. Declining profits and growing debt resulting from the increasing popularity of digital cameras and the nationwide economic slump have forced the company to redesign its operations and pare down employment.

Polaroid's founder, Edwin H. Land, dropped out of Harvard University in 1926 to develop commercial applications for light polarization. In 1937, he formed the Boston-based Polaroid corporation,

which specialized in the use of polarization technology in such items as glasses, lamps, ski goggles, and windows. In 1939, the corporation moved from Boston to Cambridge.

Land drove creation of UROP

Land held the title of Visiting Institute Professor from 1956 until his death in 1991. In 1957, Land's famous "Generation of Greatness" speech for the Arthur D. Little chemistry lecture helped to inspire the creation of UROP.

"I believe each incoming freshman must be started at once on his own research project if we are to preserve his secret dream of greatness and make it come true," Land said.

In 1968 Land established a trust fund and dedicated its income to educational development at MIT. The fund paid for the development of the UROP program, established 1969.

Land's influence and support of undergraduate research also lives on in the Eloranta Undergraduate Research Fellowships. The fellow-

Polaroid, Page 9



NATHAN COLLINS—THE TECH

Yoko Ono and Fluxus scholar Jon Hendricks play chess at Ono's 1997 "Play It By Trust" last Friday at the List Visual Arts Center. "YES Yoko Ono," on which Hendricks consulted, features Ono's work from the 1960s to present.

New Dorm Planning, Building Continues

By E. Zachary Berry
STAFF REPORTER

Work on Simmons Hall is progressing on two fronts, as contractors race to finish the concrete structure before winter and students try to resolve residential life questions.

As casting of the ninth floor finishes today and form work begins on the tenth and final floor, construction of Simmons Hall nears a major milestone. Chief Engineer Jim Whalen of Daniel O'Connell's Sons, the contractor for Simmons Hall, said that all concrete work, including the roof, should be completed by Thanksgiving. The building is currently one week behind the original schedule.

While weather was generally good over the summer, "We lost about a week of work because of hot weather," Whalen said. Temperatures were occasionally too high to cast concrete.

Cold temperatures would also make concrete pouring difficult, and Whalen said the contractors hope to get the building weather-tight as soon as possible to prevent further delays from rain and snow. "Rain really bothers the job," Whalen said.

However, the building has long had a weather-tight temporary seal on the sixth floor, which has allowed work to continue on the lower floors. Contractors are currently working on heating, ventilation, plumbing, and electrical work on the basement through the third floor.

Founder's Group seeks input

Student members of the Sim-

Simmons Hall, Page 14

OPINION

Sanjay Basu discusses the negative impact of the U.S. aid campaign in Afghanistan.

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MIT's music ensembles open the fall season.

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WORLD & NATION

U.S. Bombers Pound Taliban

NEWSDAY

WASHINGTON

U.S. warplanes continued to pound Taliban front-line fighters Monday as the bombing campaign in Afghanistan moved into its third week with a new emphasis: helping Northern Alliance troops advance toward the capital and other key cities.

The United States originally wanted the Northern Alliance to hold off on attacking Kabul until diplomats worked out who would rule Afghanistan if the Taliban fell. But Secretary of State Colin Powell on Sunday appeared to welcome a Northern Alliance advance toward Kabul. Defense Secretary Donald Rumsfeld suggested that air strikes around Kabul and elsewhere were designed to help the Northern Alliance move forward.

Even with U.S. help from the skies, it remains unclear whether the Northern Alliance can take these two cities. Fighting has gone back and forth around Mazar-e-Sharif for days without significant Northern Alliance gains, in part because they are outnumbered there by the Taliban, said Gen. Richard Myers, Joint Chiefs chairman.

The shift to targeting Taliban troop positions came just two days after the United States launched its first ground action inside Afghanistan, a raid by parachute-borne Army Rangers and other special forces troops on a Taliban command center used by leader Mullah Mohammed Omar and an airfield outside Kandahar, another Taliban stronghold.

Proposal on Bioterror Criticized

THE WASHINGTON POST

ATLANTA

Public health officials from around the country Monday criticized an inadequate the Bush administration's proposal for improving the nation's ability to respond to bioterrorism.

The administration has proposed spending \$300 million for local and state hospitals, laboratories and health departments from a \$1.5 billion emergency budget being sent to Congress. The bulk of the money will be spent to stockpile a range of antibiotics, such as Cipro, and 300 million doses of smallpox vaccine.

Allan Rosenfield, dean of the Mailman School of Public Health at Columbia University, said he expects a contingent of academic leaders to lobby Congress for much more than Thompson's \$1.5 billion.

He said the government has no choice but to stockpile smallpox vaccine in the event of an attack. "But there are a whole bunch of other things we need," he said. "The \$300 million doesn't begin to do all those other things."

Bush, Putin Differ on Missiles

THE WASHINGTON POST

MOSCOW

Despite their declaration of progress toward an agreement on missile defense and arms reductions, President Bush and Russian President Vladimir Putin remain separated by serious differences that have barely eased in two months of negotiations, a senior Bush administration said Monday.

Bush and Putin discussed missile defense and arms control issues in Shanghai on Sunday at the annual economic summit of Asian and Pacific nations. They were reported to have discussed a proposal under which Russia might accept a U.S. missile defense program in exchange for deep cuts in offensive nuclear weapons on both sides.

The administration is waiting for the Defense Department to complete a study before offering specific cuts. "This is what the Russians want to talk about," the administration official said, describing it as "one reason why there has been no progress."

The United States will make its offer to Moscow before Bush and Putin meet Nov. 12-14 in Washington and at Bush's ranch in Crawford, Texas, the official said, but cautioned that a definitive pact before the November meeting "is close to impossible."

Anthrax Suspected as Cause Of Postal Workers' Deaths

By Thomas Frank and Elaine Povich

NEWSDAY

WASHINGTON

Two postal workers in a Washington facility that handled an anthrax-laced letter have died and two other employees there remained hospitalized for the anthrax disease, officials said.

"Their deaths are likely due to anthrax," Tom Ridge, federal director of Homeland Security, said Monday while awaiting final test results on the two dead, whose names were not disclosed.

Another 13 people in the Washington area, most of whom work at the same postal processing facility, have shown symptoms of anthrax and are being closely monitored and treated by health officials.

The latest outbreak brings the number of confirmed anthrax infections nationwide to nine, though officials said that number was likely to rise as test results are reported in the next day.

It also brought criticism from Washington Mayor Anthony Williams that federal health officials were not vigilant enough in testing postal employees and buildings after an anthrax-laced letter was discov-

ered last week in the office of Senate Majority Leader Tom Daschle.

"There's been a lot of concern today not just from the mayor, but from everybody that perhaps the CDC would have been wiser to have begun extensive environmental testing and individual swabbing earlier" at the postal center, said Williams spokesman Tony Bullock, referring to the U.S. Centers for Disease Control and Prevention.

After anthrax was found last Monday in a letter that a Daschle aide opened, thousands of congressional employees and many members of Congress were tested with nasal swabs and given a 10-day supply of antibiotics. Nearly 2,200 postal employees were tested Sunday and Monday and given antibiotics.

But Bullock said, "If the same response had occurred there, maybe we would have less incidents today. ... Everybody should have the same level of treatment and response."

Federal officials defended the response, saying they quickly tested a post office from where the anthrax-laced letter was delivered to Daschle and initially found no anthrax spores. But a couple of days ago, final tests from the post office

showed some anthrax, said Dr. Kenneth Moritsugu, the deputy surgeon general.

"We were taking it one step at a time to determine what in fact we ought to be doing as far as tracing back," Moritsugu said.

Dr. Ivan Walks, chief health officer for Washington, said health officials waited until "the evidence chain indicated that there was anthrax present in the facility."

Postmaster General John Potter announced that the Postal Service plans to "sanitize" mail, possibly with equipment that emits ultraviolet rays and which is now used on meat and medical supplies. The Postal Service also is planning to revise its procedure of cleaning sorting machines by blowing out the dust.

It was not clear how the anthrax, which is not contagious, infected the postal employees. The two postal employees who have been confirmed with inhalation anthrax are being treated at area hospitals.

Ridge said "it was probably the same letter" that caused the known anthrax cases among postal employees — an apparent reference to the mail sent to Daschle — but added, "I can't say for sure."

Sinn Fein Calls for Armistice

Adams Hopes to End Armed Irish Conflict, Save Peace Process

By Marjorie Miller

LOS ANGELES TIMES

LONDON

In a historic bid to end Northern Ireland's armed conflict of three decades, Sinn Fein President Gerry Adams called on the Irish Republican Army on Monday to give up its guns to save the Good Friday peace process.

Adams issued the call to party activists in Belfast as Sinn Fein negotiator Martin McGuinness delivered the message to Irish-American supporters in New York — choreographed steps by the IRA's political wing apparently designed to prepare their base for disarmament.

"We have put to the IRA the view that if it could make a groundbreaking move on the arms issue, this could save the peace process from collapse and transform the situation," Adams said.

He called on the British government and Protestant political parties to respond with "generosity and vision" to what is clearly a difficult decision for the IRA. Without mentioning dissidents opposed to the peace process, Adams appealed to Irish republicans to remain united behind Sinn Fein and the IRA.

"It is a time for clear heads and brave hearts," Adams said.

Northern Ireland, a British province, has been divided for decades between "unionists," mostly Protestants, who favor continued association with Britain, and "republicans," or Roman Catholics, who want to be part of Ireland.

British officials and Sinn Fein

members said it was unlikely that Adams and McGuinness would have made the transatlantic announcements without prior agreement from the IRA to begin disarming. In 1997, when Adams and McGuinness declared that they had urged the gunmen to call a ceasefire, the IRA did so the next day.

Nonetheless, Protestant leaders responded to the announcement cautiously, aware of how many times the peace process has come apart since the signing of the 1998 Good Friday accord.

"We have been at pains to state that words are not enough — we want to see action," said Michael McGimpsey, a leading member of the pro-British Ulster Unionist Party. "However, it would be begrudging of me not to state that there are promising parts in this statement that may be heralding further steps."

WEATHER

Sunny Boston?

By Efen Gutierrez

STAFF METEOROLOGIST

For the next few days, Boston will be in and out of possibility of showers, as surface lows continue to pass to our north. Only the tail-end of the low may hit Boston, leading to only 40% chance of rain for tonight. The low passing north, will bring cooler air from the Midwest instead of the usual pattern that brings cold air from Canada. These lows that originate from the Northwestern United States move parallel with the Canadian border, and leave the South clear and sunny.

For those people who like the New England foliage, last week was the peak for color. Before the heavy rains of November enter the area, go out to areas north of Boston to find some great views of foliage.

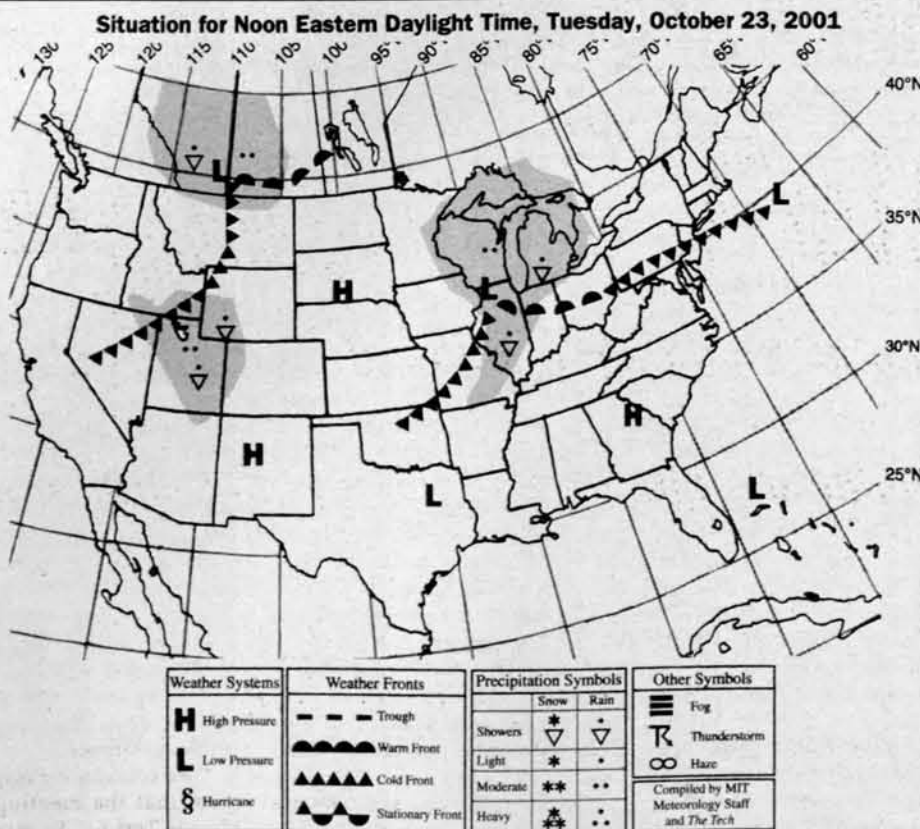
Extended Forecast

Tuesday: Mostly sunny. High 64°F (18°C).

Tonight: Possible showers around later evening. Low 55°F (13°C).

Wednesday: Partly cloudy and breezy. High in the upper 60's F.

Thursday: Partly cloudy and windy. High in the upper 60's F.



Rumsfeld Expresses Concern Over Last Week's Press Leaks

By Vernon Loeb
and Bradley Graham
THE WASHINGTON POST

WASHINGTON

Defense Secretary Donald Rumsfeld expressed consternation Monday with recent press reports on the presence of U.S. special forces in Afghanistan and said defense officials who leaked the information had violated federal criminal law and put soldiers' lives at risk.

Rumsfeld said a close hold on information is justified by the nature of the conflict in Afghanistan, where U.S. forces are fighting against a ruling government militia, the Taliban, and a shadowy terrorist organization, al-Qaida, that do not present conventional military targets. In such a war, the success of U.S. attacks is dependent upon surprise.

"It is not in our country's interest to let them know when, how or even why we are conducting certain operations," Rumsfeld said, adding that the release of such information "was a violation of federal criminal law and something that was totally (in)

disregard for the lives of the people involved in that operation."

With special operations just beginning on the ground in Afghanistan, Rumsfeld's stern warning to his employees seemed almost certain to further chill relations between the Pentagon and the media even as information is being more closely held than in recent U.S. military conflicts.

Rumsfeld's focus on press leaks at the beginning of his regular news briefing placed new and vivid emphasis on a theme he first struck Sept. 12, the day after terrorist attacks against the World Trade Center and the Pentagon. At that time, Rumsfeld said a defense official willing to leak information is someone willing to violate the law and "frustrate our efforts to track down and deal with terrorists."

His comments Monday were directed at an article published Friday in The Washington Post that said small numbers of U.S. special forces were on the ground in Afghanistan. The article said nothing about raids by U.S. Army Rangers and other Special Forces that began later Friday, although reports by CBS and NBC broadcast Friday night revealed that those operations were underway.

Rumsfeld said the reports did not jeopardize lives: "All returned safely," he said. But Rumsfeld said he was "floored" that defense officials had provided classified information about the presence of special forces in Afghanistan.

Asked whether he planned to search for the leaker, Rumsfeld said he didn't have time, but added: "I hope that the people who were parachuting in don't find the person."

The Washington Post has a long-standing policy of not publishing material it believes would jeopardize operational security or put soldiers' lives at risk. As a matter of practice, the Post reviews potentially sensitive material with administration officials and over the past month has not published specific details cited by officials as endangering national security.

Israel Spurns America, Increases Fighting in Palestinian Territory

By Tracy Wilkinson
LOS ANGELES TIMES

JERUSALEM

Despite a U.S. demand for immediate withdrawal and an end to the killing of civilians, Israeli forces dug deeper into Palestinian territory Monday and waged fresh battles in Bethlehem as violence spilled across the West Bank and to Lebanon.

The spiraling violence threatens to undermine the Bush administration's efforts to muster Arab support for its war on terrorism. Israel's broadest military campaign against the Palestinians in many years also is placing severe strains on both Israeli Prime Minister Ariel Sharon's government and Arafat's Palestinian Authority.

Israel launched the unprecedented operations in the aftermath of the assassination of a Cabinet minister by a radical Palestinian faction.

Reflecting Washington's concern that the escalation here will hurt U.S. interests elsewhere, the U.S. State Department issued an unusually strong statement demanding Israel withdraw its forces from Palestinian-ruled areas "immediately" and halt future incursions.

In addition, department spokesman Philip T. Reeker called

on the Israeli army to exercise "greater discipline and restraint" and deplored the killing of "numerous innocent civilians" whose deaths are "unacceptable."

Reeker also called on Arafat to halt "violence and terror and bring to justice the terrorists whose actions are betraying Palestinian interests."

Israel is demanding the arrest and extradition of the killers of Tourism Minister Rehavam Zeevi and says its invasion of the West Bank is meant to force Arafat to comply.

But Palestinian militants rebelled Monday at Arafat's orders to hold fire and at his decision to arrest several members of a radical faction, the Popular Front for the Liberation of Palestine. "The Palestinian Authority is trying to destroy us, but it is the Palestinian Authority that will be destroyed," Khader abu Abbara, a PFLP leader in the hard-hit town of Bethlehem, vowed in a broadcast on Bethlehem 2000 Radio.

Abu Abbara's threat reflects the political risks and potential schisms within Palestinian factions if Arafat presses ahead with a crackdown on people seen as terrorists by Israel but freedom fighters by many Palestinians.

tinians.

Sharon, meanwhile, had to fend off a possible mutiny from the center-left Labor Party, his principal partner in the governing coalition. Following a heated debate, the party's parliamentary leadership laid out the terms under which it would bolt the coalition.

If Israel does not withdraw from the newly reoccupied parts of the West Bank, or if it becomes clear that the goal of the military operation is to crush the Palestinian Authority, the Labor Party will quit, a party official said.

Shimon Peres, foreign minister and head of the party, said in Washington, D.C. that Labor should remain in the government. But Yossi Beilin, Peres' onetime protégé and an architect of the landmark 1993 Oslo peace accords that have been all but annulled, said Labor was making a historic mistake.

Israeli media and political discourse for two days has been full of the Lebanon analogy. It was Sharon who led Israel's 1982 invasion of Lebanon, promising that it would be a short and limited mission to push back Palestinian guerrillas. Israel troops remained in Lebanon until last year.

Afghan Opposition Groups Will Meet In Istanbul to Plan Taliban Takeover

By Marc Kaufman
THE WASHINGTON POST

Afghan opposition groups will meet this week in Turkey to make final plans for a national gathering to form a government that could replace the Taliban, according to Afghan participants and their Turkish hosts.

Representatives from the Northern Alliance, exiled Afghan King Mohammed Zahir Shah, and other anti-Taliban groups will meet for two days in Istanbul to decide where and when they will hold the traditional gathering, called a loya jirga, and which Afghan leaders will make up its ruling council. The choice of Turkey as the meeting site reflected the country's growing role in the international debate on Afghanistan's future.

Opposition leaders hope the loya jirga itself can be held inside Afghanistan, despite the risk of Taliban attack. Turkish officials, who earlier said they were willing to send troops to Afghanistan as part

of an international military force, said their government will also talk to the Afghans about whether the Turkish military might help secure the loya jirga.

The United States is awaiting the formation of a political alternative to the Taliban. The U.S., like many Afghans, fears the Taliban's collapse could lead to the return of the lawlessness and ethnic fighting that followed the 1992 fall of the Soviet-backed Afghan government.

Hundreds of Afghans from inside and outside the country are expected to attend the loya jirga. Haron Amin, a spokesman for the Northern Alliance in Washington, said the meeting, expected to begin Wednesday, will name 120 of them to the ruling Supreme Council. "There will also be debate about where the loya jirga might be held, under what conditions, and how security can be provided," Amin said.

Rival Afghan opposition groups found common ground after the

Sept. 11 terrorist attacks, when it became clear the United States would be targeting the Taliban in its effort to capture Osama bin Laden. The Northern Alliance agreed last month to join the loya jirga initially proposed by the former king, and the groups have been negotiating over how many representatives each will have. The current plan is for a ruling council with 50 people from the king's group, 50 from the Northern Alliance, and 20 from still undecided others.

The Turkish government has sought to present itself as an impartial Islamic force that could take a leading role in bringing peace to Afghanistan. It has a strong military, and is the only Muslim nation in NATO. But Turkey's role as an honest broker could be made more difficult by its history of ethnic and cultural ties to various leaders in the Northern Alliance.

"We consider it a major development that the meeting will take place in Turkey," Bayar said.

Firms Work to Speed Identification of Microbes

NEWSDAY

Biotechnology companies across the United States are involved in a wide array of efforts to defuse bioterrorism by quickly identifying at the scene the agents used in an attack.

One device newly in use by the federal government and scheduled for broader public use by the end of the year allows for on-the-spot DNA fingerprinting of organisms used in bioterrorism.

The device, which looks like a car battery, is capable of performing one of molecular biology's gold standard tests: polymerase chain reaction, or PCR. This form of biological analysis is used by labs to produce accurate DNA fingerprints of criminal suspects. And with similar accuracy, PCR can provide the DNA fingerprints of killer microbes, scientists say.

Manufactured by Cepheid Inc., in Sunnyvale, Calif., the portable DNA analyzer was developed with the aid of a \$5 million grant from the Defense Advanced Research Projects Agency, DARPA, best known as the early developer of the Internet.

Cepheid officials would not confirm yesterday whether several of the devices have been taken to the war theater in Afghanistan for quick microbial analysis in the event troops are attacked by biological weapons.

"I can only say the system has been made available and is in the hands of various government agencies," said Cepheid spokeswoman Yvonne Blaxter. People who use the device need no more than a basic background in high school biology. Another device on Cepheid's drawing board would not require even that much education.

Iraq Seeks Anthrax Tests On Two Letters

THE WASHINGTON POST

Iraqi diplomats in New York and Washington have asked American authorities to test two letters containing white powder for contamination with anthrax spores, U.S. and Iraqi officials say.

U.S. diplomats said they suspect the Iraqi government is the target of a hoax but that federal and local law enforcement authorities haven't provided a definitive explanation of what was in the letters.

A U.S. official said the U.S. mission to the United Nations expected to receive an official response from the New York Police Department on the results of its tests as early as Tuesday.

A State Department official, saying he was unaware of the anthrax concerns at the Iraqi interest section in Washington, referred calls to the FBI. Calls to the FBI press offices in New York and Washington on Monday night were not returned.

The episode provided an unusual twist in the ongoing anthrax scare. Some observers, citing Iraq's weaponization of anthrax in the late 1980s, have suggested Baghdad may be a source of anthrax spores in letters to media and government officials in Washington, New York and Florida. But there is no evidence Iraq obtained the strains of anthrax bacteria found recently in the United States, and the FBI has said it has found no link among the letters, Iraq and the Sept. 11 terrorist attacks.

Congress Moves Closer To Anti-Terror Bill

LOS ANGELES TIMES

WASHINGTON

Answering President Bush's call for new tools to fight terrorism, Congress is moving to help U.S. authorities choke off the flow of illicit money through domestic and international financial systems.

The money laundering legislation on the verge of approval this week enjoys overwhelming bipartisan support in the House and the Senate.

And banking industry lobbyists, who quietly had expressed concern about the impact on their privacy-conscious customers, might be ready to acquiesce to new rules.

If so, that is good news for the Bush administration as it tackles the exceptionally complex challenge of detecting, blocking and seizing money that finances global terrorist networks such as the al-Qaida group believed to be responsible for the Sept. 11 attacks on the United States.

The administration's point man on money laundering, Jimmy Gurule, undersecretary for enforcement at the Treasury Department, pleaded for help Monday at a conference on the subject in Arlington, Va., organized by the American Bankers Association and American Bar Association.

Gurule said the legislation before Congress, if enacted, would represent the most significant milestone in the fight against money laundering since it was made a federal crime in 1986.

Embryo Found in Dinosaur Egg

THE WASHINGTON POST

A North Carolina State University graduate student has discovered the nearly hatched remains of a dinosaur embryo inside an egg found 30 years ago by three high school students in Alabama.

Scientists at the time were unable to figure out what was inside the egg, and it languished at Auburn University until North Carolina State's James Lamb borrowed it for a research project and noticed three tiny leg bones through an aperture that had been cut in the egg.

Using a technique called computed tomography, he scanned the egg and found that it contained fossilized yolk as well as the remains of what he described as the 83-million-year-old embryo of a Lophorhynch, a duck-billed dinosaur that lived in prehistoric Alabama.

Discussing his findings at the Society of Vertebrate Paleontology early this month, Lamb suggested the egg yolk may provide new insights into the ancient creature's diet: "We know this guy was a vegetarian," Lamb said. "But it's possible that isotopes will tell us if his mother ate ferns, conifers or hardwood vegetation."

OPINION



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Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m.

two days before the date of publication.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at <http://the-tech.mit.edu>.

The Wrong Way To Break Bread

Guest Column
Sanjay Basu

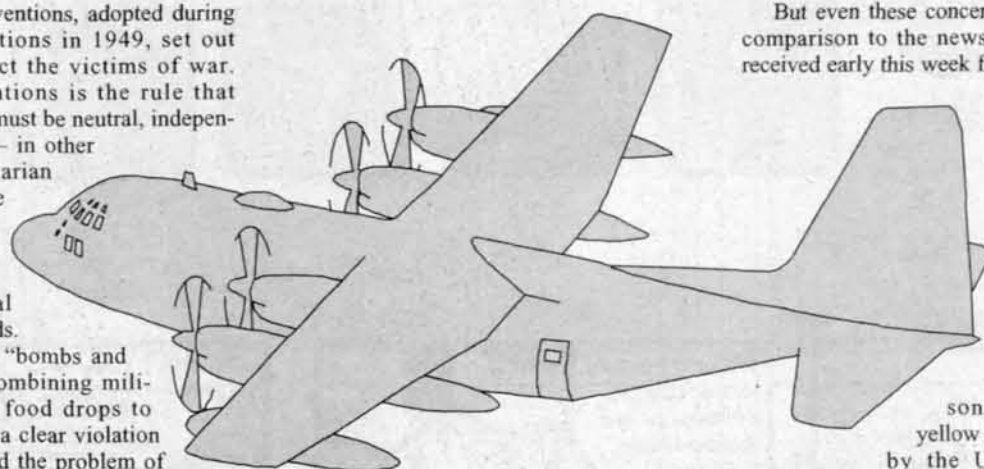
The Geneva Conventions, adopted during a conference of nations in 1949, set out guidelines to protect the victims of war. Among the conventions is the rule that humanitarian action must be neutral, independent and impartial — in other words, that humanitarian actors should be free from political influence and should aid victims of war in a manner proportional to those victims' needs.

President Bush's "bombs and bread" campaign, combining military missions with food drops to Afghani civilians, is a clear violation of these accords. And the problem of mixing military might and humanitarian aid is not merely one of principle. As most aid workers know, aid delivery that is not clearly separated from military campaigns can be claimed to be part of the war effort. When this occurs, even aid workers from other agencies become the victims of war themselves, targeted for their perceived political orientation. The numerous attacks on United Nations offices in Quetta, Pakistan, are a clear consequence of this fact; those perceiving the United Nations workers as operatives of the locally unpopular air strikes have attacked workers who attempted to help the local situation. If history predicts the future, then these attacks will likely broaden to workers from other humanitarian aid groups as well. In Somalia, the mixing of military action with humanitarian aid resulted in the complete freezing of humanitarian organization operations.

Americans who listen to this reasoning often scratch their heads. Isn't it best, they ask, to at least bring some food to Afghans, even if it's dropped from military aircraft?

Those of us who work on humanitarian aid issues and have tracked the U.S. food drops have a clear answer to this question. The U.S. food drops, we have found, are not a humanitarian operation. As Austen Davis, an aid director with the Nobel Peace Prize-winning group Doctors

Without Borders, put it, "It is an action that is so minor in relation to the needs, and so poorly targeted, that it is highly unlikely that any needy people would have



received any of the food." In other words, the "bread" portion of the "bombs and bread" campaign seems remarkably stale; the operation seems intent on winning international approval rather than humanitarian efficacy.

Over the past week, it also become quite clear that the drops are doing more harm than good. Because military aircraft have been used to drop the supplies, aid workers on the ground have not known whether the planes over their heads would release missiles or food. In fear, they have evacuated their posts, leaving the most effective humanitarian operations without staff. Truckers who drive on routes under these planes have been too frightened to carry food into the country. While dozens of groups once provided effective aid to locals, the actions of the U.S. military have hampered almost all of the humanitarian work in Afghanistan, and the U.S. military food drops are too poorly targeted and of too little quantity to compensate.

President Bush's announcement that medicine was also being provided in the dropped aid packages brings to light more serious problems. If they are not properly administered, the medica-

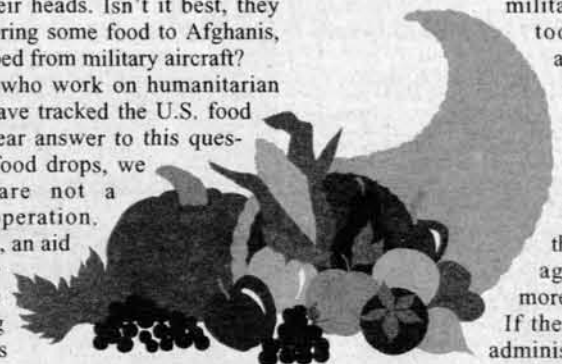
tions included can easily be quite harmful to those who ingest them. In fact, when malnourished persons take medications haphazardly, the results can be lethal.

But even these concerns seemed to pale in comparison to the news many aid agencies received early this week from the humanitarian group Oxfam International. Oxfam reported that many of the air drops were likely to be taking place over heavily-mined territory. Because of past conflicts, Afghanistan's countryside is littered with anti-personnel mines, and the yellow food packets dropped by the U.S. — containing raisins, beans, pasta, peanut butter and bread — fall from 30,000 feet without a parachute.

Each package is about the weight of a household brick, and can land on people (as some did in Iraq) or on mines, present in heavy concentration in all but three of the provinces in which packages are being dropped.

The drops can also lure hungry Afghans into heavily mined territory. The U.S. military admits that it does not know where these mines are located, and without independent monitoring it will be impossible to estimate any toll this sad feature of the food drops will have. As drought worsens in Afghanistan, and as scurvy, malnutrition, and cholera break out, it becomes intensely clear that the manner in which food is delivered to Afghanistan must change. If aid drops must be used, then the planes dropping them should be clearly marked as civilian aircraft, preferably those operated by the World Food Program. Internally displaced persons, not only refugees, should be afforded better opportunities to receive proper care, and only a willingness of the U.S. military to cooperate with non-governmental aid groups to allow the re-entry of humanitarian workers into Afghanistan can restore hope to those Afghans who may not make it through the winter.

Sanjay Basu '02 is student director of United Trauma Relief, an MIT-based humanitarian aid organization working as part of the Afghanistan program of the U.N. High Commissioner of Refugees.



The Sound of Silence

By Roy Esaki

There's a lot of noise in this world: people chattering, construction pounding, commercials blaring, babies crying, students crying. Some of it is useful, such as the beeping of the microwave that tells us that our burrito is warm; others, like the ubiquitous wailing of car alarms, aren't. There's lot of noise from people, too: noise about things like Fourier series, the dangers of white powders, and how society really ought to function. Silence, at times, seems woefully underappreciated, considering how rare and golden it is.

Silence as the mere lack of noise is wonderful in its own right. Without any uncontrollable distractions that clutter the air and our minds, the world is clearer and more refined. There are times when white noise or background Mozart might be preferable to a sterile, libraryesque stillness. But complete silence is so rarely encountered that, like a perfectly cloudless starlit sky, it would be a waste to not bask and commune with the soundless moment.

There's also the power of artistic silence:

the anxious silence before a triumphant symphonic finale, the silent slow-motion animation and the hushed crowd as the ball soars towards the goal, a duel scene in a Western with a single tumbleweed blown by an inaudible breeze, the unspoken response to "Doctor, will she be all right?" or the unfinished last words of a dying lover. The silence is heard more than anything else in the emotional climax of the moment that can only be created by a perfectly crafted quiet.

It's for this reason that eloquent speakers

What else but a silent coy eyebrow raise across a dinner table could mean nothing, or everything, depending on how you choose to see things. "Shh — don't say anything," she says, and you continue the silent, penetrating gaze; silence doesn't get much more beautiful than that.

and everyday communicators use the potency of silence in communication. There are the ponderous pauses in Roosevelt's "Day of Infamy" speech, which bred gravity and determination in the hearts of listeners. Then there's the frighteningly patient silence a teacher uses to make unruly students feel uncomfortable. There's the awkward silence

the counselor uses to force the patient to continue talking. And, of course, there's the silent treatment, the most energy-efficient way to make a point.

It can help you to be silent at times, as well. We're expected by society, and eventually ourselves, to have answers for everything, to have an assertive opinion on all matters and to be active talkers and producers. But sometimes we aren't able to come up with answers, aren't qualified or informed enough to have a valuable opinion, or should be better listeners than talkers. Such situations call for silence. A contemplative silence is much more valuable than talking (or even writing columns) for the sake of it when one doesn't have anything to say. Silence lets us collect our thoughts, be more mindful of the thoughts of others, and saves our breath for when we really need it.

Above all, silence lets you create your own reality, or share one with someone else. It's a concept encapsulated by wordless communication; it's based on your assumptions about what their facial and body gestures mean, and you are free to perceive it as you wish without the cumbersome interference of language to mar the pristine conceptual image you've formed. What else but a silent coy eyebrow raised across a dinner table could mean nothing, or everything, depending on how you choose to see things? "Shh — don't say anything," she says, and you continue the silent, penetrating gaze. Silence doesn't get much more beautiful than that.

The Power of Tech

Jason Wasfy

One recent Saturday morning, I was sitting in a charming little cafe on High Street in the town of Oxford as a rare ray of sun poked out around one of the beautiful medieval towers here and into the big front window of the cafe. Munching on omelettes and toast with me was a group of about six other American graduate students. Most of the people with me have only been here a few weeks, so we were discussing our initial impressions of the workload here.

"I'm actually a little bit concerned," I told them. "I feel like I'm not doing work. I'm concerned I won't learn enough and then I'll flunk the exams next year."

One of my friends, a Stanford graduate, laughed out loud. "Well, you're not at MIT anymore, Jason," she said. "You're going to be fine."

Everyone laughed.

I absolutely love being a graduate student at Oxford, but a certain sense of powerful nostalgia popped up when I heard my friend say that.

When talking about what other university in the world can you explain so much by just saying "Well, you're at MIT," or "Well, you're not at MIT anymore," or "This is MIT," or for that matter, "This isn't MIT?" I heard those sorts of comments time after time when I was a student at MIT, and still hear them even now, when I'm an ocean away.

The reason why those comments have meaning to me and to just about everyone else who hears them is that MIT is unique. Other universities are more beautiful. Other universities have produced more U.S. Presidents —

What I think is particularly special about MIT is how the Institute always seems to chip in during times of significant national and global distress. That happened during World War II, and I'm certain it will happen again.

er, well, at least one U.S. President.

But no other university in the world combines such hard-working students, faculty, and staff with a culture that is so geared towards innovation. MIT is a special place. And although I knew it before my graduation last June, leaving Cambridge has just re-enforced for me just how special MIT is.

What I think is particularly special about MIT is how the Institute always seems to chip in during times of significant national and global distress. That happened when the development of radar at MIT in the 1940s helped turn the tide of World War II against the Nazis.

And I'm certain that a similar effort will surface now that the specter of terrorism faces our nation and the world. The threats that face us are insidious and powerful. Threats to transportation infrastructure, the chance that powerful pathogens like anthrax and smallpox could be let loose, and the public hysteria that terrorists crave — the list is as long as it is frightening.

But this list is one that we can neutralize. As an American, as a citizen of the world, I sleep better knowing that bright, committed, hard-working people at MIT and elsewhere are working on confronting these tremendous threats.

I've lived, learned, and worked with you all for four years. My faith is embedded in your thoughtfulness, your endless capacity for hard work, and your extraordinary intellects. Civil engineers, biologists, computer scientists, political scientists, historians of science, and so many others at MIT have such useful, unique skills for this ongoing struggle against terrorism.

On the day of my graduation, I wrote on this page that our generation of young people don't seem to face challenges commensurate with the challenges that our parents and grandparents faced. Watching planes fly into the World Trade Center and seeing the devastation at the Pentagon made me eat my words.

Now as we face our new challenges, I hope — indeed, I know — that MIT people will be at the forefront. Those people of an institution that I know is so unique and so special have a duty to respond. And I know they will.

Nine out of Ten Talking Newspapers

Recommend Joining The Tech

email <join@the-tech.mit.edu>



COMICS

FUN PAGES

Page 6

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MANGOS PRESENTS VG1'S BEHIND THE JOYSTICK



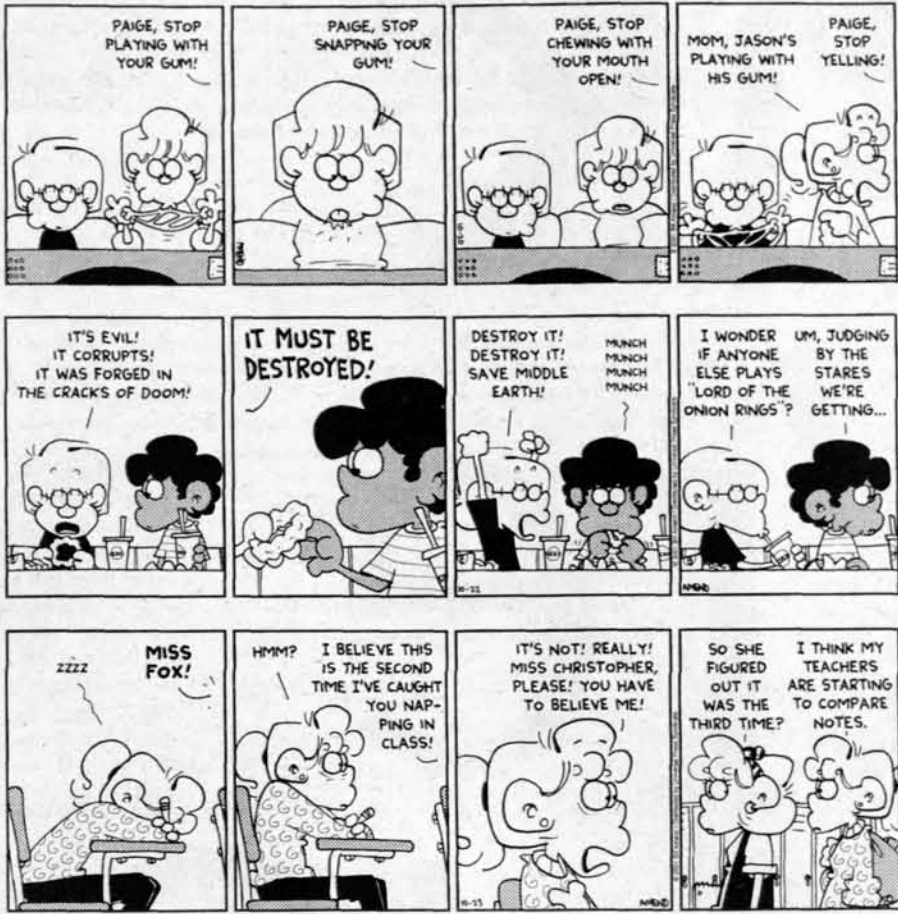
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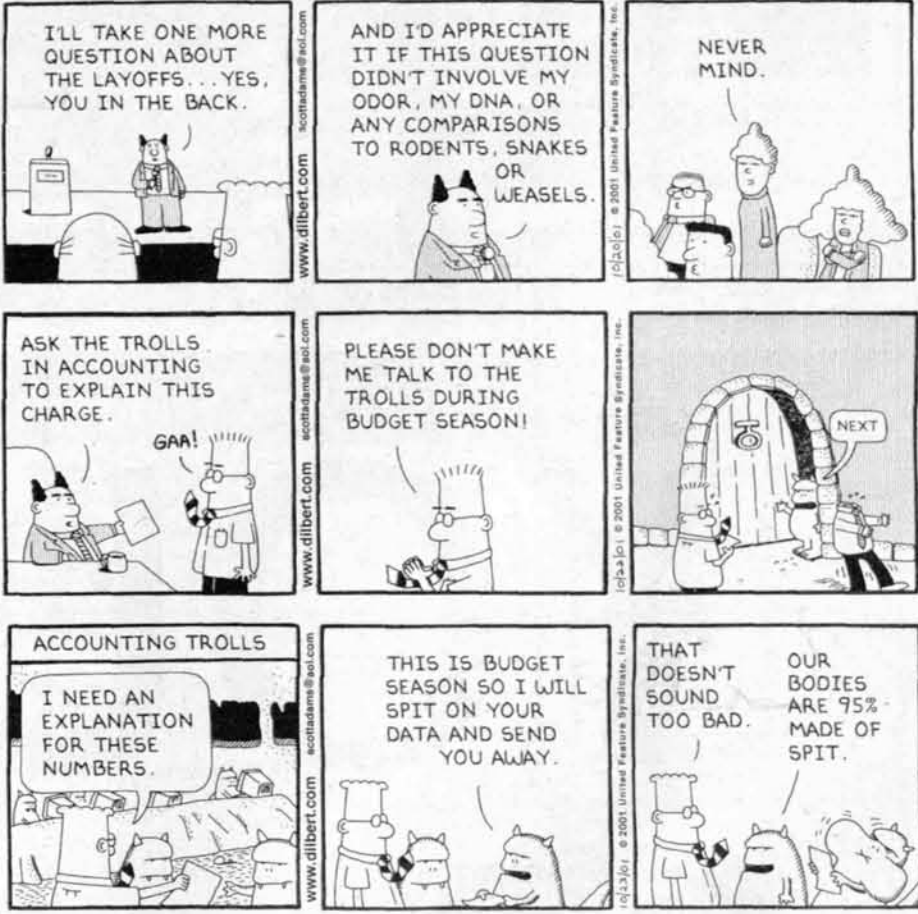
ONE SCREW LOOSE JONIE SUNG '05



FoxTrot by Bill Amend



Dilbert® by Scott Adams



Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, October 23

12:00 p.m. - 2:00 p.m. - **Life and Death of Naturalist Kinds**. Dibrer Institute Luncheon Colloquium, free. Room: E56-100. Sponsor: Dibrer Institute.
12:00 p.m. - 1:00 p.m. - **Microsoft Word User Group**. The MIT Microsoft User Group (WUG) is for people at MIT, from beginners to experts, who are using or interested in learning to use Microsoft Word word processing software. free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 6:00 p.m. - **Yes Yoko Ono**. First major US retrospective of works by Yoko Ono, one of the early participants in the international Fluxus movement. This exhibition surveys her career from the 1960s to the present with films, videos, artist's books, installations and instructional pieces. Organized by Alexandra Munroe and Jon Hendricks for the Japan Society Gallery. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
2:30 p.m. - 3:30 p.m. - **Wave-driven currents and vortex dynamics on barred beaches**. Department of Mathematics. Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Physical Mathematics Seminar.
4:00 p.m. - 5:00 p.m. - **MTL VLSI Seminar Series**. Low Power Circuits and Technology for Wireless Digital Systems. free. Room: 34-101. Sponsor: MTL VLSI Seminar.
4:00 p.m. - 5:00 p.m. - **Seminar: Elastic and Elastoplastic Response of Random Composites**. We study elastic and elastoplastic responses of unidirectional fiber-matrix composites. The fibers are of circular cylinder shape, aligned in the axial direction, and arranged randomly, with no overlap, in the transverse plane. In particular, we focus on the effects of scale of observation and boundary conditions on the overall elastic moduli and instantaneous elastoplastic moduli of such composites. We conduct this analysis numerically at the mesoscale level by considering finite "windows of observation." We subject these regions to several different boundary conditions: displacement-controlled, traction-controlled, periodic, and mixed to evaluate the mesoscale moduli. We cover a range of stiffness ratios from composites with very soft inclusions (approximating holes) to those with very stiff inclusions (approaching rigid fibers). This investigation provides insight on the size of the Representative Volume Element for such composites. We also include results for periodic composites. Extensions to micropolar elasticity (prediction of couple stress moduli and characteristic lengths) are also briefly discussed. free. Room: 1-350. Sponsor: Engineering & Environmental Mechanics Group.
4:15 p.m. - 5:30 p.m. - **GTL Seminar**. The Quiet Supersonic Platform Challenge: Designing for Low Sonic Boom. free. Room: 31-161. Sponsor: Gas Turbine Laboratory.
4:30 p.m. - 5:30 p.m. - **TBA**. Organizers: M. Hopkins, R. Melrose, H. Miller and I.M. Singer. free. Room: 2-131. Sponsor: Topology and Analysis of Manifolds with Corners. Department of Mathematics.
6:00 p.m. - **Artifacts: An Archaeologist's Year in Silicon Valley**. CHRISTINE FINN ARTIFACTS: An Archaeologist's Year in Silicon Valley/Silicon Valley, a small place with few identifiable geologic or geographic features, has achieved a mythical reputation in a very short time. The modern material culture of the Valley may be driven by technology, but it also encompasses architecture, transportation, food, clothing, entertainment, intercultural exchanges, and rituals. Combining a reporter's instinct for a good interview with traditional archaeological training, Christine Finn brings the perspectives of the past and the future to the story of Silicon Valley's present material culture. Dr. Christine A. Finn is a journalist and a Research Associate in the Institute of Archaeology at the University of Oxford, UK. Artifacts is published by The MIT Press, 2001. free. Room: MIT E25-111, 45 Carleton St., Cambridge. Sponsor: The MIT Press Bookstore. MIT Libraries.
6:30 p.m. - **Peripheral Vision**. Architecture by Brian MacKay-Lyons, architect, Halifax, Nova Scotia. free. Room: Rm 10-250. Sponsor: Department of Architecture.
7:00 p.m. - 1:00 a.m. - **Ladies Night at the Bar**. Every Tuesday is Ladies Night at The Thirsty Ear Pub, with special Tuesday-only beverage offerings. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 a.m., Tuesday - Thursday: 7 p.m. - 1 a.m., Friday: 4 p.m. - 1 a.m. Must be over 21. Proper ID required. No cover for the ladies (or the guys). Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.
7:00 p.m. - 8:30 p.m. - **Check It Out**. The Check It Out program is meant to educate young women about the importance of taking care of our bodies. The objective of this program is to develop an awareness of the need to regularly practice breast self-examinations. The panel consists of a doctor from Beth Israel Deaconess Medical Center, a nurse from MIT medical, and a breast cancer survivor. The women will receive a packet of information about breast self-examination, exercise, nutrition, smoking and your health, and resource/hotline numbers. free. Room: 6-120. Sponsor: Alpha Epsilon Phi, Hillel, MIT, Women's Studies Program, WILG, Hadassah, MIT Medical.
7:00 p.m. - **Breast Health Awareness**. Program will include a physician speaking about nutrition and general health items, a video about doing a breast exam, and a survivor of breast cancer will give a question and answer session. free. Room: 6-120. Sponsor: Hillel, MIT, Undergraduate Association, Women's Studies Program, MIT Medical, AEPH, WILG, Beth Israel Deaconess Medical Center.

Wednesday, October 24


7:30 a.m. - 9:30 a.m. - **Breakfast Video Conference with PFIZER**. It began with the Pfizer innovation that led to mass-produced penicillin. Since then, there's never been a year in which we didn't achieve a new level of growth. Why? It's simple: we hire the best and brightest and give them the support, resources and tools to succeed. Our people work on the cutting edge of the health care industry, continuously introducing new waves of innovative products. But that's just part of the story. Come find out more! free. Room: 9-338. Sponsor: MIT Japan Program.
11:00 a.m. - 12:00 p.m. - **Optics**. Organic Light Emitting Devices: Harnessing Energetic Disorder for a Brighter Future. free. Room: 34-401B (Grier Room). Sponsor: Optics.
12:00 p.m. - 1:00 p.m. - **Filemaker Pro Quick Start**. This class introduces users to the FileMaker environment and its functions using an existing database as a model. free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 6:00 p.m. - **Yes Yoko Ono**. First major US retrospective of works by Yoko Ono, one of the early participants in the international Fluxus movement. This exhibition surveys her career from the 1960s to the present with films, videos, artist's books, installations and instructional pieces. Organized by Alexandra Munroe and Jon Hendricks for the Japan Society Gallery. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
3:00 p.m. - **Men's Soccer vs. Gordon College**. free. Room: Steinbrenner. Sponsor: Department of Athletics.
4:00 p.m. - 5:00 p.m. - **Baroclinic Instability**. free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.
4:15 p.m. - 5:15 p.m. - **Primal Integer Programming**. ORC Fall Seminar Series. Seminar followed by reception in E40-106. free. Room: E56-270. Sponsor: Operations Research Center.
4:15 p.m. - **M.I.T. Physics Colloquium**. The Cosmic Infrared Background and SIRTf. free. Room: 10-250. Sponsor: Physics Department.
5:00 p.m. - 7:00 p.m. - **Teen Activism on the Web**. This Forum will combine scholarly perspectives on teen culture on the Web with front-line accounts by youth activists about how they have deployed the resources of new media. free. Room: Bartos Theater. Media Lab. Sponsor: Communications Forum.
5:30 p.m. - **"Mary Miss Object Lessons"**. Talk by Daniel Abrahamson. free. Room: Rm 3-133. Sponsor: History Theory Criticism Forum, Department of Architecture.
7:00 p.m. - **"The Greatest Sorrow: Times of Joy Recalled in Wretchedness — South Asian Literature and Communal Violence"**. Talk by Amitav Ghosh, Calcutta-born author of "The Circle of Reason," "The Shadow Lines," "In an Antique Land," "Dancing in Cambodia" and "The Calcutta Chromosome." His most recent book, "The Glass Palace," was published in 2000. He has received many literary awards including the Sahitya Akademi Award and the Prix Médicis Étranger. He currently teaches writing, literature, and film at Queens College in the City University of NY. free. Room: Rm 4-163. Sponsor: Foreign Languages and Literatures, Center for Bilingual/Bicultural Studies at MIT.
7:30 p.m. - **"The Family Game"**. In Japanese with English subtitles. Winner of the Best Picture Award in Japan. The Family Game examines traditional values of the middle class under the strain of modern culture. ** Refreshment will be served after the show. free. Room: 10-250. Sponsor: MIT Japan Program. FL.
8:00 p.m. - 10:30 p.m. - **IFilm Movie Seminar**. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.
8:00 p.m. - **Anything Goes**. Musical Theatre Guild hits the high seas with the Cole Porter musical. \$9, \$8 MIT community/other students/seniors, \$6 MIT/Wellesley students. Room: Sala de Puerto Rico. Sponsor: Musical Theatre Guild, MIT.

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

and Jon Hendricks for the Japan Society Gallery. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
12:10 p.m. - 1:00 p.m. - **"Physical Oceanography Sack Lunch Seminar"**. free. Room: 54-915. Sponsor: Physical Oceanography.
2:30 p.m. - 5:00 p.m. - **spouses@partners@mit - Fall Foliage Trip**. A park ranger will guide us through the Arnold Arboretum in Jamaica Plain. We learn about the history and the trees of the park as well as admire the beautiful fall colors! Meet in front of the MIT Coop in Kendall Square at 2:30 P.M. We will take the T (\$1 - one way) to the Forest Hills Station on the Orange Line and walk to the park. free. Room: MIT Coop (Kendall Square). Sponsor: spouses@partners@mit, MIT Medical.
5:30 p.m. - 7:30 p.m. - **Democratizing Risk Assessment**. Dr. Strader-Frechette is Professor of Philosophy and Concurrent Professor of Biological Sciences and Environmental Sciences, University of Notre Dame. Using waste-disposal and deforestation cases, she will discuss how particular methodological strategies disenfranchise the public. free. Room: E51-151. Sponsor: STS. Society for Risk Analysis/New England.
7:00 p.m. - 9:00 p.m. - **MIT Objectivist Club general meeting**. The MIT Objectivist Club's general meetings. We discuss topics in philosophy and how they relate to different aspects of our world today. This term, we will also be having weekly study sessions, probably in epistemology, the philosophy of knowledge. free. Room: 10-280 (Oct. 3), 4-144 (Oct. 10-Dec. 12). Sponsor: MIT Objectivist Club. 7:30 p.m. - 9:30 p.m. - **Renaissance Dancing**. There are many forms of Renaissance Dancing that we practice. From Italian ball to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: W20 (Sala or 491). Sponsor: Society for Creative Anachronism.
8:00 p.m. - 10:30 p.m. - **IFilm Movie Seminar**. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.

Thursday, October 25

9:00 a.m. - 4:00 p.m. - **IT Partners Conference**. The IT Partners program sponsors an informative conference approximately a month after the start of each semester. The goal of this mini-conference is to help the IT support providers on campus come up-to-speed on the latest issues — and solutions — involved in bringing information technology to MIT. The conferences are for IT Partners members only. To apply for membership, please see our website. free. Room: W89. Sponsor: Information Systems.
12:00 p.m. - **MIT Chapel Concert**. Late 17th, early 18th c. Italian sonatas of Castello, Vivaldi, Corelli and Bach. STEFANO BAGLIANO, recorder, received a diploma from the Conservatory Pollini of Padua and specialized with Frans Bruggers, Kees Boeke, Walter Van Hauwe and Pedro Memelsdorff. Currently he is the artistic director of the International Festival of Chamber Music of Genoa and Savona.
CLAUDIO ASTRONIO, harpsichord, organ, graduated with full marks in Organ performance and Composition at the Conservatorio C. Monteverdi (Bologna, Italy) and, later, "cum laude" receiving an honorable mention in harpsichord at the Conservatorio G.B. Martini (Bologna) under the guidance of Annaberta Conti. He currently teaches organ at the European Academy of Ancient Music as well as harpsichord and ensemble music at the Antonio Vivaldi Institute of Music in Bolzano and is a founding member and artistic director of the Musica Antiqua Association in Bolzano. free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section.
12:00 p.m. - 1:30 p.m. - **Support Staff Ice Cream Social**. Come join your friends and associates at the Support Staff Ice Cream Social - sponsored by the Working Group on Support Staff Issues, Membership Committee. free. Room: Bush Room, 10-105. Sponsor: Working Group on Support Staff Issues.
12:00 p.m. - 1:00 p.m. - **Web Publishers User Group**. The purpose of the Web Publishers User Group is to: provide a forum for information and support among its members help members improve their knowledge of electronic publishing, and their expertise in its technology and standards further MIT's business goals of education, research by the appropriate use of electronic information. free. Room: N42 Demo Center. Sponsor: Information Systems.
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5:00 p.m. - 7:00 p.m. - **Teen Activism on the Web**. This Forum will combine scholarly perspectives on teen culture on the Web with front-line accounts by youth activists about how they have deployed the resources of new media. free. Room: Bartos Theater. Media Lab. Sponsor: Communications Forum.
5:30 p.m. - **"Mary Miss Object Lessons"**. Talk by Daniel Abrahamson. free. Room: Rm 3-133. Sponsor: History Theory Criticism Forum, Department of Architecture.
7:00 p.m. - **"The Greatest Sorrow: Times of Joy Recalled in Wretchedness — South Asian Literature and Communal Violence"**. Talk by Amitav Ghosh, Calcutta-born author of "The Circle of Reason," "The Shadow Lines," "In an Antique Land," "Dancing in Cambodia" and "The Calcutta Chromosome." His most recent book, "The Glass Palace," was published in 2000. He has received many literary awards including the Sahitya Akademi Award and the Prix Médicis Étranger. He currently teaches writing, literature, and film at Queens College in the City University of NY. free. Room: Rm 4-163. Sponsor: Foreign Languages and Literatures, Center for Bilingual/Bicultural Studies at MIT.
7:30 p.m. - **"The Family Game"**. In Japanese with English subtitles. Winner of the Best Picture Award in Japan. The Family Game examines traditional values of the middle class under the strain of modern culture. ** Refreshment will be served after the show. free. Room: 10-250. Sponsor: MIT Japan Program. FL.
8:00 p.m. - 10:30 p.m. - **IFilm Movie Seminar**. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.
8:00 p.m. - **Anything Goes**. Musical Theatre Guild hits the high seas with the Cole Porter musical. \$9, \$8 MIT community/other students/seniors, \$6 MIT/Wellesley students. Room: Sala de Puerto Rico. Sponsor: Musical Theatre Guild, MIT.



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DE Shaw & Co

Polaroid Developed WWII Military Tools

Polaroid, from Page 1

ships were a 1969 gift from Land to the Institute in memory of Peter J. Eloranta '68, a onetime Polaroid employee. They are awarded yearly to students to pursue creative or exceptional study projects that they design or direct themselves.

Digital technology hurt Polaroid

Stephen A. Benton '63, Allen Professor of the Program in Media Arts and Sciences, worked at Polaroid from 1961, when he was still an MIT undergraduate, until 1985. Benton worked closely with Land until his retirement in 1982.

Benton attributed at least part of Polaroid's troubles to Land's departure.

"I wish I could say that things would be different today if Dr. Land were still running Polaroid, but my guess is that the days of instant photography have simply run out," Benton said. "However, Land might have been able to reinvent the company again, as he did at the end of World War Two, when it went from an optics company to a photography company."

Benton noted, however, that Land "really was resistant to the digital revolution."

Company maintains MIT ties

Polaroid is an industrial member of the Leaders for Manufacturing, which develops strategies to improve the performance of manufacturing operations. The company is also involved in the Center for Transportation Studies Affiliates

Program in Logistics, which researches ways to improve educational programs for management of companies in the private sector.

Polaroid is also a corporate sponsor for the annual Sloan Challenge, in which teams compete to solve fictitious business problems.

Polaroid had innovative history

Land's emphasis on research and development established Polaroid's reputation as a center for innovation and invention. Throughout World War II, Polaroid developed new military technology under a U.S. government contract. Some of the company's wartime inventions included infrared filters, heat-seeking missiles fitted

with miniaturized computers, and target finders.

Land's most popular invention was his development of instant photography.

The company's financial woes have forced Polaroid to cut down on its Cambridge presence by selling two of its offices in Kendall Square. Since 1999,

Polaroid Corporate Headquarters have been located at a distinctive office building at 784 Memorial Drive. The building in Kendall Square which formerly served as the center of the company's operations was demolished in January of 2000.

Later that year, Polaroid sold the Memorial Drive office building to Bulfinch Companies, a Newton, Massachusetts-based real estate development company. Polaroid continues to lease its Cambridge office space from Bulfinch.

"I wish I could say that things would be different today if Dr. Land were still running Polaroid."
Stephen Benton

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On-line applications are available at <http://web.mit.edu/urop/preuorpp.html>. For more information or additional applications for your friends, please see the Research Mentor Program page located on-line at <http://web.mit.edu/urop/mentor.html> or contact Melissa Martin at x3-3002 or <melmart@mit.edu>.

THE ARTS

CONCERT REVIEW

Voices Over Venue

A Cappella Groups Sing to Packed La Sala, Lobdell

By Sandra M. Chung
ASSOCIATE ARTS EDITOR

Saturday night's *a cappella* concert, always a popular Family Weekend event, was nearly derailed by logistical problems this year. The student-organized event, which exceeded Kresge auditorium's seating capacity last year, filled La Sala del Puerto Rico twice over. More than 45 minutes before the 8 p.m. show, the line outside La Sala extended across the second floor of the student center and looped back around the central staircase. Twenty minutes after the show was supposed to begin, audience members were spilling out into the aisles and on the floor or perching on radiators around the perimeter of the room. Due to the fire hazard that this presented, Campus Police arrived and ordered everyone without a chair to leave.

group, gave enthusiastic performances of The Kry's "He Won't Let You Go," Church of Rhythm's "Not Perfect," and de Talk's "Since I Met You." Their entry in the skit category was an MIT version of Saturday Night Live's "Celebrity Jeopardy" skit, featuring Mary Poppins, Yoda, and Keanu Reeves, as well as the appropriate references to the *Star Wars* movies and *The Matrix*.

Resonance, MIT's newest *a cappella* group, started with Ray Charles' "Hit the Road, Jack." Soloists Daniel D. Lowrey '02 and Sara Jo Elice G acted out the song's lyrics, to great audience response. The group ran into some problems with "Dust in the Wind," which pushed the tempo too high for the sopranos to keep up. Soloist David M.R. Zych '04 overstepped the bounds of the male singing range with his falsetto on Savage Garden's "The Animal Song."

Techiya, the Institute's only Jewish *a*



Daniel D. Lowrey '02 and Sara Jo Elice G of Resonance sing "Hit the Road Jack." Resonance and the Logs were joined by the Chorallaries, Cross Products, Techiya, Muses and Toons for the GBIS Parent's Weekend A Cappella Concert.

ditional instrument consisting of a ram's horn that is blown like, well, a horn. A decidedly ethnic version of "Blue Moon"

elicited chuckling from the audience, especially parents. Cambridge-MIT Institute student Daniel J. Abramson's baritone pipes stood out on the elegant "Erev Shel Shoshanim" ("Evening of Roses") and in his solo on the upbeat "Bashana Hababa" ("Next Year").

The Logarithms' high-energy performance and irreverent brand of humor capped off the night. The all-

A. Erdmann '02 wooed lassoed hearts with his solo on the Coldplay hit "Yellow." The Logs' skit was an outrageous montage of send-ups of television shows, including the Jerry Springer show and various Discovery Channel nature programs. The finale was an effectively choreographed R&B hit, "U Remind Me." Chris D. Vu '04 sang a smashing solo on the Usher song, backed up in a lead trio by Collins P. Ward '03 and David S. Kong G.

Overcrowding was not the only detractor from the experience. La Sala is a small, rectangular room, and the stage was centered alongside one of the longer walls, treating the privileged center section to a great view but robbing two-thirds of the audience of visual and acoustic clarity. The performers on the tiny stage were shoved up against a half-dozen microphones, which were so close as to over-amplify the backup and drown out the soloists.

The performers took all these issues in stride, some groups attempting to compensate by pushing their background singers as far as they could go. They even poked fun at the overcrowding situation with an impromptu skit halfway through the show. The variety of attitudes, humor, and music attested to the diversity of religious, comedic, and musical tastes on campus. The nearly disastrous overcrowding and cancellation threats gave way to fun-filled, enthusiastic performances for family and friends.



The Logarithms tout themselves as "Superlogs" in Saturday night's concert in La Sala del Puerto Rico.

The student performers rescued the evening for their fans by throwing together a second show in Lobdell. The audience, which included family members who had flown thousands of miles to see their children perform, waited patiently for the extra show to be arranged, until the concert started nearly forty minutes after it was originally scheduled to begin.

Bad planning aside, the show itself was a treat. The MIT/Wellesley Toons kicked off the show with Vertical Horizon's "You're A God," with soloist Charles R. Floyd '03, and Dido's "All You Want," featuring Neelima Teerdhala '04. Wellesley student Cecilia Lam '03 lent her soulful alto voice to the solo on "You Gotta Be." The one hit of one-hit wonder Des'ree was the highlight of the Toons set. In addition to their vocal talents, the Toons exhibited their wacky senses of humor in a hilarious, Halloween-themed sketch based on the Scooby Doo cartoon series.

The all-female Muses extended the one-hit wonder vein with a solid solo by Toni J. Ferreira '04 on Natalie Imbruglia's "Torn." Because of the similarity between the group members' vocal ranges, harmonies on the Dixie Chicks' wistful "Cowboy Take Me Away" lacked energy and clarity, a common problem for all-female singing ensembles. The Muses strutted their stuff on a kitschy, feminized version of Shaggy's "It Wasn't Me," then pulled themselves together for "Change in My Life" by John Pagano. Soloist Nina Heinrich's voice started weakly, but quickly gained confidence and edge to top the Muses set.

Bo S. Kim '04 of the Chorallaries took a break from singing soprano to solo on Tori Amos' "1000 Oceans." Mira E. Wilczek '03 brought the house down on Aerosmith's "What It Takes," throwing a little scat singing into her gritty, all-out solo. The Chorallaries' last number blended "Flood" by Jars of Clay and Bon Jovi's "It's My Life" into a mixture of acoustic Christian and eighties pop/rock that works surprisingly well. Ross I. Runnion '04 held up the Bon Jovi portion while Geoff A. Becker '05 and Amy L. Schonsheck '03 sang the "Flood" duet.

The Crossproducts, a Christian *a cappella*

cappella group, introduced themselves by introducing the audience to the *shofar*, a tra-

male group hammed it up with costumes and quirky poses on "Superlogs." Cowboy Karl

MUSIC REVIEW

Default Falling in Place

By Ricky Rivera

Contrary to popular belief, Canada has produced some good rock bands. Our Lady Peace, Stabbing Westward, the Barenaked Ladies — the list goes on and on. Now one more band can be added to this growing list: Default. The Vancouver, British Columbia natives' debut album, *The Fallout*, delivers straight-forward rock that is refreshing and powerful.

The first track, "Sick & Tired," opens the album with a burst of energy that lingers until the last track. "Deny," the song that first launched Default's success all over the Canadian airwaves, is a powerful mix of softer, ballad-like music and aggressive rock. It is a winning formula that is employed in other songs, including the current single, "Wasting My Time." "Slow Me Down" does nothing of the sort, and the momentum continues to build. Default changes gears a little with "One Late Night," the quintessential power ballad. The album is charged with an energy that the group manages to maintain from beginning to end, even in the slower tracks.

Dallas Smith's vocal performance fits each song perfectly, and Jeremy Hora's guitar-work is innovative enough to prevent Default from sounding like every other album that is out today. In any rock band, the guitarist can make or break the band, and Hora's playing consistently keeps the band on the track. Danny Craig (drums) and Dave Benedict (bass) complete Default's foundation of their no-nonsense rock.

The Fallout was produced by Rick Parasher, a Seattle native who helped make an album in the early 90's by the name of *Ten* with a group of guys who called themselves Pearl Jam.

The problem? While Default certainly stands head and shoulders above many emerging new bands, rock radio already has a deluge of husky, baritone-voiced rock bands, such as Staind, Lifehouse, and Nickelback. Default is good enough to find a place in the spectrum, but are they good enough to stay there? It



TVT Records' Default released a new album, *The Fallout*.

is quite possible that they are.

A few years ago rock was proclaimed dead. Now that it has revived itself, bands like Default will be the blood supply that keeps it alive. They are simply four guys who like to rock, and they do not worry about image or pretense. As a result, *The Fallout* is an album of rock music, and it stands proudly on its own two feet amidst an array of would-be imitators. Ultimately, and more importantly, Default's debut release is simply good music that is worth a listen.

MITSO Greatly Improved in Year's First Concert

MITSO, from Page 10

and Scarlatti.

Individual solos were played very well, especially the solo cello part in the "Sarabande et Double," where the listener could actually hear the characteristic rhythm of the sarabande through the contemporary styles. The first movement, "Homenaje a Girolamo Frescobaldi," contains an amazing moment: a *forte* brass flourish that abruptly disappears, leaving the violins playing a *pianissimo* chord; this effect is reminiscent of a moment in Prokofiev's *Romeo and Juliet*, only this time without the luxury of tonality.

Next was *Notturmo*, a lush, romantic piece that the Italian composer Giuseppe Martucci orchestrated from a solo piano piece of his, which MITSO, led again by the warm playing in the strings, realized wonderfully.

The final piece on the first half has somewhat of an identity crisis. Titled *Soirées Musicales* (French for "Musical Evenings"), it is a five-movement piece by the English composer Benjamin Britten based on music by the Gioacchino Rossini, an Italian composer. In stark contrast to the Gandini, this piece fell almost too easily into the ears, with the frivolity of light Italian music and the blandness of mediocre British music almost too much for the forces on stage to overcome with a good performance. The musicians delivered an acceptable rendering of the uninteresting piece, from the stodgy "March" through the peaceful "Canzonetta," the jovial "Tirolese," and the jazzy "Bolero," to the dance-like "Tarantella."

After the intermission, the main course was served, though after reading the program notes to Bartok's *Miraculous Mandarin*, only a cold-hearted soul could still be hungry for food. Originally a pantomime but played here in its usual concert form, the *Miraculous Mandarin* is a prime example of programmatic music, as the music tells not whatever story is conjured up in the listener's mind but rather the specific one written in the program notes.

A trio of bandits captures a girl and forces her to lure innocent customers into a brothel, where they are robbed and beaten. After two poor men enter and are thrown out, the third

unlucky customer, a mandarin, arrives. He falls in love with the girl and the bandits attempt to kill him. But the mandarin evades three kinds of death: by smothering, by stabbing, and by hanging; when the girl feels pity for him and the two embrace, the immortality suddenly leaves the mandarin, as he dies in her arms.

If the entire evening featured a MITSO immensely improved over last year's version — which it did — then the performance of this suite by Bartok was the reason why. The coordination between the brass and the rest of the orchestra was sharp, and the orchestra

as a whole was able to achieve huge dynamic contrasts excellently. The solo clarinet playing of Michael R. Heiman '05 merits mention due not simply to the length and number of solos he played but also to their high quality in terms of technique and musicianship.

The concert concluded with Igor Stravinsky's *Fireworks*, a short piece with a historical significance far beyond its musical one. According to the expertly written program notes, the famous ballet impresario Serge Diaghilev, who commissioned Stravinsky to write *The Firebird*, *Petrushka*, and *The Rite of Spring*, was introduced to the composer and

his music at the premiere of *Fireworks*. The piece, though short and exciting, seemed neither here nor there after the Bartok; a somewhat sloppy performance didn't exactly help finish the program off with a bang, either.

Anzolini is to be lauded for his skills in constructing a program of excellent variety and perfect length, as well as bringing out extraordinary playing by the members of the orchestra. And lauded he was, along with the rest of MITSO, by a large, appreciative crowd which even threw a few bravos his way after the performance of *The Miraculous Mandarin*.



TIMOTHY SUEN — THE TECH

Linda Tillery and the Cultural Heritage Choir sang everything from African folk spirituals to contemporary jazz. The San Francisco-based group performed Sunday afternoon in Kresge Auditorium.

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CONCERT REVIEW

Dueling Cats, P.D.Q. Bach, & the Miraculous Mandarin

Weekend Concerts by Chamber Chorus, Wind Ensemble, Percussion Ensemble, Festival Jazz Ensemble, MITSO

By Jeremy Baskin
STAFF WRITER

This weekend, all of MIT's major performing ensembles offered their first programs of the season. These performances, which coincided with Family Weekend, had different themes. Friday's concert, featuring the Chamber Chorus, the Wind Ensemble, the Percussion Ensemble, and the Festival Jazz Ensemble, linked together fifteen pieces under the theme of humorous music, while Saturday's performance of mostly 20th century music by MITSO focused on Bartok's suite, *The Miraculous Mandarin*.

Chamber Chorus

Humor has somewhat of a universal appeal; for those of us who suffer from extreme work-related stress, the emotional release of letting out a good laugh is unequalled by almost any other activity.

Bill Cutter, the director of the Chamber Chorus, and Fred Harris, the director of the Wind Ensemble and the Festival Jazz Ensemble, conceived an entire program of humorous music—written by serious composers—for parents weekend; judging by the size of the crowd, the MIT community is in dire need of some humor.

The program started with the Chamber Chorus, which offered four short works. Keeping with the humorous theme, each member adorned his or her usual concert attire with something humorous—everything from feather boas to sunglasses; even Cutter went out on a limb, wearing a white t-shirt under his tuxedo jacket.

The first work, a madrigal by Kurt Weill called "Ho, Billy, O!", featured six members of the group as soloists. The men followed with two pirate songs by Peter Schickele, a musicologist who, when he writes parodies of existing music, does so under the pseudonym of P.D.Q. Bach, an imaginary character he fondly calls Bach's last and least son. The pirate songs were serious music, though, and the men pulled off the proper character to come off sounding like pirates.

If the pirate songs required character, then what followed required ten times more character, and it was provided. The women's chorus sang a comic duet for two cats written by the Italian opera composer Gioacchino Rossini. The only word in the song was "meow," which was thrown back and forth between the two halves of the chorus. The singers pronounced the word in every possible way, contorting their mouths grossly to achieve the "ow" part of it.

The Chamber Chorus concluded their portion of the program with P.D.Q. Bach's "My Bonnie Lass She Smelleth," a parody of "My Bonnie Lass She Smileth." The performers achieved humor in their singing to complement the humor in the music by accenting unexpected syllables and drawing the audience's attention to the accelerations and the *rallentandos*.

Wind Ensemble

After the audience sat in complete darkness while the stagehands rearranged the chairs and music stands on stage, a brass ensemble took the stage to play John Cheetham's *Commemorative Fanfare*. With-



DALTON CHENG—THE TECH

Dante Anzolini conducts the MIT Symphony Orchestra in last Saturday's program.

out the physical and musical buffer of all the wind players in front of them, which is the usual situation of a brass player in a large ensemble, and with the misfortune of not being warmed up, the brass players sounded somewhat like a person who had taken their clothes off to take a bath but who had not yet gotten used to the water yet.

Two movements from Gordon Jacob's *Old Wine in New Bottles* followed. The piece is scored for a chamber-sized ensemble involving woodwinds and brass. The humorous aspect of the music managed to come through in spite of the performance; with the exception of the oboe player, the others in the group failed to keep the tempo moving in parts, and miscues in the horns and intonation problems in the flutes marred the playing.

A change in pace was certainly in order, and it was delivered by the Percussion Ensemble, with two very special guests. The first was Assistant Professor Patricia Tang, the newest member of the Music Department faculty, who brought her expertise on the congo drums to the stage. The second was none other than Harris himself, a drummer in a former life who returned—as comfortable as ever—in to the drumset.

The ensemble performed *Encore in Jazz*, by Everett Firth, the legendary principal timpanist from the Boston Symphony Orchestra. A pleasant change from last year was the arrangement of the players on stage. Instead of being strewn across the back of the stage, in their normal positions for the wind ensemble, the percussion players were concentrated on one side of the stage, leading to a more intense performance. The performers utilized dynamic variance while maintaining rhythmic precision.

Nine clarinetists strode onstage to play

Peter Schickele's *Monochrome III*. Contrary to the suggestion of the title, the piece actually had more than one color, though the timbre of the ensemble was pretty constant throughout. The solo part was played with extreme fluidity; the piece seemed to be neither humorous nor extremely profound, though.

All the profundity in the world came oozing out of the next piece, *Alleluia*, by Randall Thompson. A choral work arranged for wind ensemble, *Alleluia* was offered as a memorial to the victims of the September 11th tragedy, as the theme of humorous music had been chosen before the events of that fateful day.

The real humor followed, with insurance salesman and influential American composer Charles Ives' *Variations on "America"*. The familiar patriotic tune had been turned upside-down by Ives, who wrote the variations as a piano piece when he was 17 years old. An organist at his church, the mischievous Ives would try to slip in the weird harmonies from his composition into the Sunday service. With all the sections fully warmed up, the Wind Ensemble played this piece excellently.

If the program was supposed to emulate an evening at a comedy club, all that has been described is the stuff that warms up the crowd, and the next work, by P.D.Q. Bach, is the main act. The fourth movement, "Rondo Mucho Grando," was heard from the *Grand Serenade for an Awful Lot of Winds and Percussion*. The piece started with three drawn out drumrolls and cymbal crashes; after the third cymbal crash, the cymbal players—perfectly out of rhythm—threw his cymbal up in the air and let it fall to the ground in a large crash. The piece only got funnier as dopey tune after dopey tune was heard, some of them originals, and others based on equally dopey popular American tunes.

Perhaps the first half could have been more successful had it ended with the P.D.Q. Bach serenade rather than what followed, which was Dvorak's *Slavonic Dance, No. 7*. Unlike P.D.Q. Bach's serenade, which still sounds great with not all the parts played perfectly due to its humor, the Dvorak serenade requires a level of refinement beyond what the wind ensemble players could muster up after all that had preceded it. Nonetheless, after a shaky start, the players gelled together to provide a convincing finish.

Festival Jazz Ensemble

Having had enough of the humor theme, the Festival Jazz Ensemble played three "normal" pieces after the intermission. The first was a bebop tune by Charlie Parker called *Moose the Mooche*. It opened with a bass solo that set the mood for the rest of the song. With the support of the rhythm section, the ensemble was tight throughout the piece; many adventurous solos abounded, too.

A ballad followed, by Earl Brent and Matt Dennis, called *Angel Eyes*. The sweet, melodious alto saxophone playing of Chris Rakowski '02 was featured throughout the song, as he offered both a heartfelt interpretation of the head and a well-developed, extended solo.

The concert closed with a favorite tune by the great pianist and composer Thelonious Monk, called *Straight, No Chaser*. After a textbook rendering of the head, the audience heard the second duel of the night—the first being between two cats—this time between two trumpets. Nate Fitzgerald '02 followed with a drum solo of his own, which finished at half the tempo it had started. The slower tempo was kept as all the players seemed to be playing whatever they felt like, all at the same time; the effect was a cacophonous one of overlapping solos.

Though the Parker tune elicited the most applause and cheering from the audience, and was probably FJE's best performance piece of the evening, the Monk tune was certainly stretched to its limits, and the creativity paid off.

MITSO

On the heels of Friday's successful "evening of humorous music by serious composers" featuring the Chamber Chorus, the Wind Ensemble, the Percussion Ensemble, and the Jazz Ensemble, MITSO offered a program for the MIT community and the visiting families on Saturday night at Kresge Auditorium.

The concert began with the *Prelude to Act One* from Verdi's *La Traviata*. Right from the first notes, played sweetly by the violins and conducted intensely as always—without score—by Music Director Dante Anzolini, the listeners knew they could relax and enjoy the show, as the quality of what was to come would undoubtedly be high. Of special note was a cello section solo near the end of the prelude, played nobly over an obbligato part executed gracefully by the enormous violin section.

A five-movement piece followed—the first of two to be heard—by the Argentinean composer Gerardo Gandini, called *E Sarà*, or "And it will be." Though the piece was coherent in that it had a compositional style—mostly atonal—that Gandini adhered to throughout, each movement was a reference to a different composer from the Baroque era, such as Frescobaldi, Rameau,



TIMOTHY SUEN—THE TECH

The Chamber Chorus, directed by Bill Cutter, started off the evening of humorous music with the satirical "Ho, Billy, O!" The Chamber Chorus was joined by the MIT Wind Ensemble, Wind Symphony, and Festival Jazz Ensemble for the 2001 Family Weekend Concert held in Kresge Auditorium on Friday night.



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Student Involvement In Board Increases

Dining Board, from Page 1

and staff the Dining Board, as well as run community feedback meetings regarding where the dining plan is headed. "I think the board is well on their way to meeting their goal," Capone said.

The new board contains two students from the Undergraduate Association, two from the Dormitory Council, two from the Graduate Student Council, and one from the Interfraternity Council.

"There is now heavy student involvement," said Richard D. Berlin III, director of campus dining.

Board has 45 days to design plan

Since the October 11 meeting, the Campus Dining Board has met twice. At the board's first meeting, Dean for Student Life Larry G. Benedict reviewed the tasks given to the student-led group. He said that the group had 45 days in which to design a new sustainable dining system addressing goals such as nutrition, flexibility, choice, and sensitivity to pre-established dining communities, such as language houses.

Kolenbrander said that if a new plan could be not decided upon, the administration would most likely resort to a mandatory meal plan such as those proposed in Berlin's original report.

Goals stated at recent meeting

The most recent meeting developed the drafting of the Board's vision statement, described by Capone as "a set of operational goals" for MIT's dining plan.

The Board used an amended version of a statement drafted by Vikash K. Mansinghka '04, which featured the three main goals of par-

ticipant satisfaction, system-wide financial accountability, and vendor financial accountability.

The portion regarding financial accountability states that unreasonable financial contributions cannot be made by MIT, and vendors must be accountable for their own profits and losses. According to the vision statement, this requires a significant number of vendors who are willing to participate. The plan is an about face from the present plan, in which Aramark is the sole provider on campus.

The Dining Board amended the plan to include provisions for protecting the communities present in the current dining system.

"There was great consensus on the vision statement, but we needed to integrate them to one draft," Capone said.

Mandatory plan not dead yet

Over the weekend there was discussion on campus as to whether the mandatory plans were dropped, following an e-mail sent by Dining Board member Michael N. Mulvania '03 as a summary to other IFC members.

Some students took the e-mail to imply that Chancellor Clay had decided to drop the mandatory meal plan altogether, but Mulvania later clarified his e-mail and said that nothing had been finalized.

Bradley T. Ito '02 said that "there have been no promises made" regarding a non-mandatory dining plan. However, he noted that Clay is looking to the Board for another viable plan, and Kolenbrander is optimistic about developing an optional meal plan.

"There are currently no proposals on or off the table," Benedict said.

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Student Input Key for Simmons

Simmons Hall, from Page 1

mons Hall Founder's Group held an informational meeting last Tuesday, informally known as the "Sponge Committee." The name derives from a description of the building by architect Steven Holl.

A handful of interested students attended Tuesday's meeting, led by Founder's Group member Jeffrey C. Roberts '02. The meeting primarily served to introduce many topics which need to be resolved in future meetings. Computer-generated images of the rooms and common areas were also on display.

Some students at the meeting expressed interest in living in Simmons because it will offer a large number of singles, and because it gives groups of friends the chance to live together. "If all of my friends and I could move together into the new dorm, we could all live together," said Jacqueline M. Dubrishing '04. "I'm just hoping that, being a junior and moving in there, I will get a single. Otherwise I won't move in."

Simmons Hall dining, dormitory government, interior decorating, and room selection policy are among the primary considerations for the Sponge Committee.

"Things are wide open," Roberts said. "We're working on getting students to generate options." Simmons Hall is intended to build a strong sense of community and fea-

"I think that the nature of the dorm isn't really going to be affected..."

Margaret H. Cho '04

ture unique policies from other campus residences, and the Sponge Committee meetings will help shape decisions on these topics in the months to come.

Meeting draws mixed reviews

Some students at the meeting were satisfied that MIT is letting students debate many of the student

life issues for Simmons Hall. "MIT is making a step in the right direction in getting student input," Dubrishing said.

Others, however, expressed doubts that the meetings would have any real impact on residential life at Simmons Hall. "I think that the nature of the dorm isn't really going to be affected by the decisions made in this committee, but rather by the people who actually live there," said Margaret H. Cho '04. "I don't know how much of an impact this will really have."

Dorm delay decision due soon

Despite what Whalen called an "extreme schedule" from the onset of construction, Simmons Hall currently has only a one or two week window between the scheduled completion date and the date students would need to move in. MIT will decide before the end of the semester whether students will be temporarily housed in the new graduate dorm at 70 Pacific Street.

Kevin R. Lang contributed to the reporting of this story.

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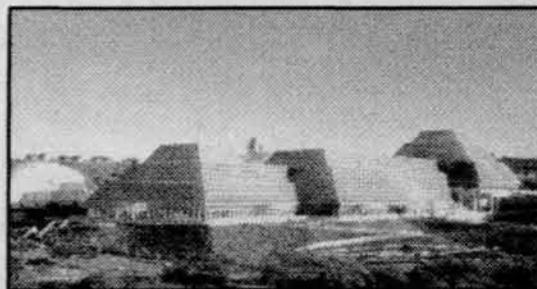
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Trujillo to Begin Job with Study of Student Culture

Trujillo, from Page 1

include addressing anonymous medical transport and town-gown relationships with Boston and Cambridge.

Specific goals to be determined

While he has a broad area of responsibility, the dean's specific goals are yet undefined and will be refined when he comes to MIT. Rather than coming to MIT "with a set of fixed strategies that must be implemented," Trujillo wants first to figure out what is needed and to understand the MIT culture.

"Decisions without student input can be ineffective or inadequate, and then they're of no value," he said.

When asked to identify policies he sees as needing special attention,

Trujillo focused on MIT's potential to be proactive in dealing with alcohol issues. "MIT is going into an important next phase" with student development issues, Trujillo said. "Steps that are being taken by people there right now. I hope to be a part of that."

Trujillo feels that overcoming the stigma of having problems will be important to helping students. "When you're working in a setting of excellence like this, one of the things that makes it even more of a challenge is when you talk about health issues," he said.

"For the most part college students make very smart decisions when it comes to alcohol, so we're not trying to demonize drinkers," Trujillo said. "All we're really doing is promoting the health that's already among the students."

Working group led to position

The idea of creating a dean to handle alcohol education and community development first arose from the May 1998 report from the Working Group on Dangerous Drinking, chartered in the aftermath of the drinking death of Scott S. Kreuger '01 at the Phi Gamma Delta fraternity.

Specifically, the report called for "an administrative professional position, with major authority, visibility, and responsibility to address alcohol-related issues" to be established "within the Office of the President or another senior administrative office that is senior to the various office involved. This official would be responsible for developing, coordinating, and implementing educational programs"

about dangerous drinking and related issues.

A later alcohol working group supported the creation of the position, according to Benedict, but, as Capone explained, the group's work was suspended last year in anticipation of the new dean. The working group had come to a point when the new dean's input would be needed to proceed further, Capone said.

Trujillo chosen after long search

MIT hired a professional recruitment firm to search for potential candidates, but the first three finalists selected in the spring were deemed unsuitable for MIT. The firm was then given a behavioral competency model outlining the skills and qualities MIT required in an associate dean for alcohol educa-

tion, like the ability to forge consensus and involve the right people in decision-making.

The search firm turned up five candidates who met with Benedict. Two, including Trujillo, were invited back for a full day of interviews with the search committee, Undergraduate Association and Graduate Student Council representatives, and staff from RLSLP and MIT Medical.

Students preferred Trujillo to the other finalist, Capone said, and Trujillo's broad approach to student success "made him a winner" to Capone.

"In his interview [Trujillo] didn't mention alcohol. What he talked about was student success," Capone said. "I could see that the kind of things he does would be helpful for our community."

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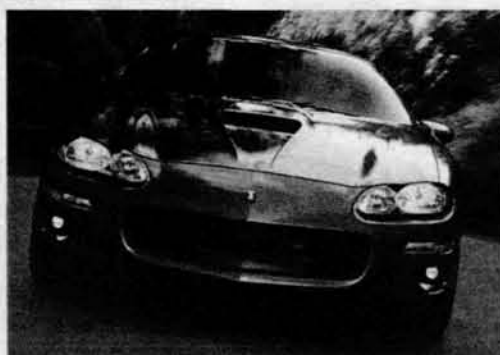
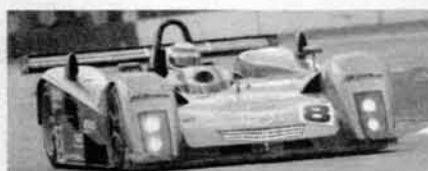
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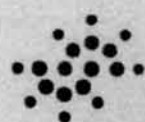
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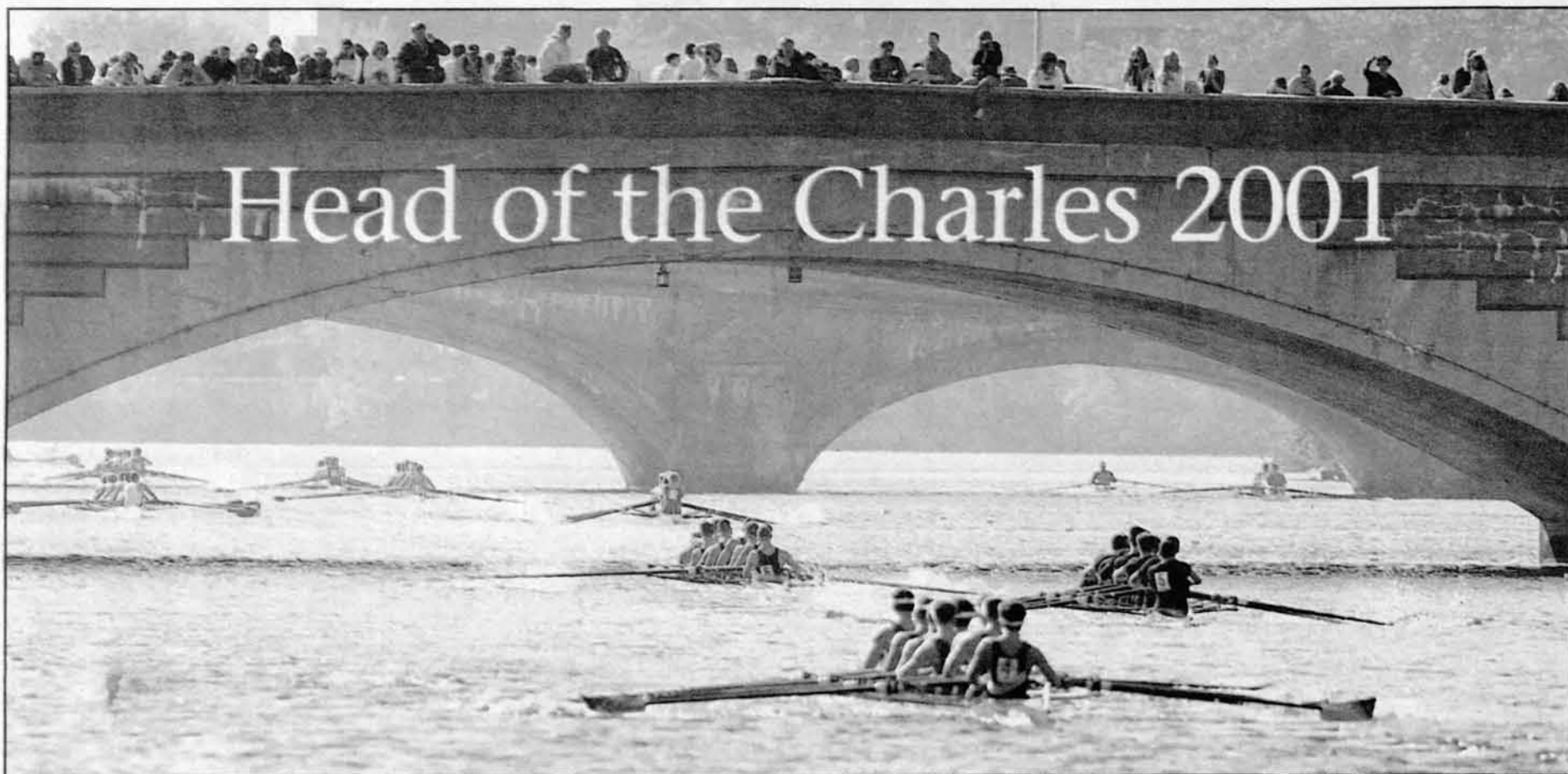
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SPORTS



An armada of rowers passes the Western Avenue Bridge as it makes its way down the Charles River.

STANLEY HU—THE TECH

MIT Crews Fare Well in Head of the Charles Regatta

By Brian Richter

TEAM MEMBER

MIT's four rowing squads fared well in this weekend's Head of the Charles Regatta. Each of the squads—heavyweight men, lightweight women, lightweight men, and open weight women—bested its performance relative to last year's field.

The heavyweight men found themselves in front of the pack in the Championship Four event. The lightweight women moved up several places to become the fourth collegiate finisher in their event. The lightweight men finished one place in front of league rival Georgetown, which MIT lost to last fall in the event. And the open weight women finished several places higher in the Club Eight event than last year.



STANLEY HU—THE TECH

MIT Professor of Mathematics Hartley Rogers continues his long-running tradition of racing in the Veteran Singles division.

Heavyweight Men's Varsity

The heavyweight men's entry in the Championship Four—Nicholas K. Abercrombie '03 (stroke), Joshua G. Kubit '03, Collins P. Ward '03, Brian K. Richter '02, and Jonathan

L. Berkow '03 (cox)—did not know what to expect coming into this weekend's race. Although they had won the Head of the Ohio regatta two weeks earlier in Pittsburgh, the team faced a typically strong Head of the Charles field. This year the competition featured boats from five countries, including Australia and teams from all of the top North American collegiate crews.

Because MIT had not entered the Championship Four in previous years, the boat started towards the back of the pack, behind Yale. The Beavers kept a tight margin on the Elis through the first half of the course, although they lost a little ground in the last half of the course to finish in 17:11.

The Beavers placed sixth among collegiate crews and thirteenth overall, managing to beat cross-town and league rivals, Northeastern and Boston University. The Beavers beat other league rivals Syracuse and Rutgers as well.

Lightweight Women's Varsity

Coming off of a very successful season last spring, the lightweight women had high expectations for this year's Head. They raced well on Sunday, finishing 8th with a time of 18:02, almost a minute faster than their performance last year. Against the other colleges, the team finished fourth behind Wisconsin, Radcliffe, and Emory. The team was very excited to finish in front of Princeton, who won the National Championship last June.

The lightweights made up the most time in the last mile. "We managed to really pick up seconds coming around the 180 degree turn before Elliot Bridge," said coxswain Nirupama S. Rao '04.

"Bottom line, it felt great and

now we are all hungry for more in the spring," said Lesley D. Frame '04.

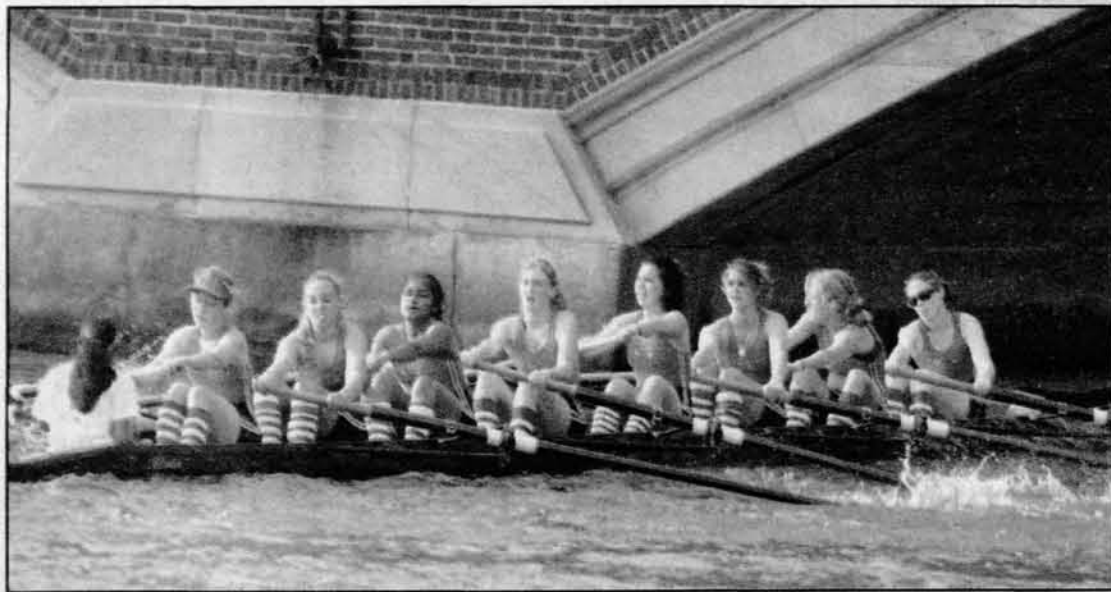
Racing in MIT's women's lightweight boat were coxswain Nirupa-

Laughter '02, William J. Arora '03, Michael T. Donohue '03, Skip Dise '03, Zachery A. Lavalley '03, and Sandi S. Lin '03.

MIT shaved over forty seconds

and posted times of 16:29 and 16:53 to finish in the middle of the field of nearly 70 competitors.

From Bow to Stern, their boat consisted of Jeffrey Greenbaum '04,



STANLEY HU—THE TECH

The MIT Varsity Lightweight women's eight powers its way to an 8th place finish. Pictured, from left to right: Nirupama S. Rao '04 (coxswain), Megan L. Galbraith G, Hillary K. Rolls '02, Aditi Garg '03, Chandra J. Claycamp '03, Sarah K. Yenson '03, Lesley D. Frame '04, Emily M. Craparo '02, Julie E. Zeskind G.

ma S. Rao '04, Megan L. Galbraith G, Hillary K. Rolls '02, Aditi Garg '03, Chandra J. Claycamp '03, Sarah K. Yenson '03, Lesley D. Frame '04, Emily M. Craparo '02, and Julie E. Zeskind G.

Lightweight Men's Varsity

The Varsity Boat raced in the Championship Lightweight Eight event on Sunday and, despite a raging headwind, posted one of their fastest times of the year with a 15:37.

Their lineup consisted of Eamon F. Walsh '03, Eric A. Dauler '02, Nodari S. Sitchinava '02, Mark D.

off their time from last year, and finished in 12th place in a fiercely competitive field that was full of current and former national team rowers from around the world.

Openweight Women

MIT's Heavyweight women finished 19th in a time of 18:13 in the Club Eights event on Saturday, up sixteen places from their 35th place time last year.

Other Crews

The heavyweight men's and lightweight men's JV boats raced in the Club Eight division on Saturday,

Aadel A. Chaudhuri '04, Atif Z. Qadir '04, Jeffrey T. Loh '03, Isaac M. Dinner '02, Michael P. Farry '04, John C. Ho '02, Luke Schulenberg '02, and Shana L. Diez '02.

"We had an amazing sprint at the end our race when we rowed right through the Rowing Club Eight and managed to pull off a record time," said Ho.

MIT also entered a Men's Youth (Freshmen Eight) and a Women's Youth (Freshmen Eight). Both of these crews got to test their speed for the first time against other major collegiate crews.

Also featured in the regatta were several MIT alumni and some boats from the graduate student Sloan Crew.

Notably, MIT alum and US National Team sculler, Steve Tucker, finished second in the Championship Single event ahead of the German sculler and behind the Olympic bronze medalist from Australia.

MIT's Heavyweight and Lightweight Men next compete at the Tail of the Charles Regatta on November 17, where they hope to capitalize on their work this fall and over the summer.

Hillary Rolls and Mike Donohue contributed to the reporting of this story.



STANLEY HU—THE TECH

Harvard lightweights show off their post-race attire.